

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053251.D
 Acq On : 3 Jan 2019 10:16
 Operator : MD\SY
 Sample : VN0103WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 12:38:58 PM

Quant Time: Jan 04 08:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	902572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1336008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1198201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	480494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447849	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	383645	62.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.72%	
50) Toluene-d8	10.09	98	1632990	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	551635	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155379	17.010	ug/l	100
3) Chloromethane	2.06	50	195045	17.620	ug/l	100
4) Vinyl Chloride	2.19	62	198200	17.680	ug/l	99
5) Bromomethane	2.57	94	131038	16.871	ug/l	99
6) Chloroethane	2.71	64	120855	18.202	ug/l	98
7) Trichlorofluoromethane	3.02	101	266392	19.075	ug/l	100
8) Diethyl Ether	3.41	74	103521	19.649	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	179800	20.192	ug/l	99
10) Methyl Iodide	3.96	142	233074	18.639	ug/l	100
11) Tert butyl alcohol	4.77	59	48931	87.553	ug/l	99
12) 1,1-Dichloroethene	3.74	96	160553	18.663	ug/l	97
13) Acrolein	3.61	56	38467	75.909	ug/l	93
14) Allyl chloride	4.33	41	257575	19.330	ug/l	96
15) Acrylonitrile	4.99	53	308499	99.362	ug/l	99
16) Acetone	3.82	43	220764	122.929	ug/l	96
17) Carbon Disulfide	4.06	76	415105	14.796	ug/l	99
18) Methyl Acetate	4.33	43	175170	22.056	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	459735	19.970	ug/l	100
20) Methylene Chloride	4.55	84	194265	19.831	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	172830	18.699	ug/l	97
22) Diisopropyl ether	5.95	45	602472	21.182	ug/l	99
23) Vinyl Acetate	5.90	43	1685206	103.035	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339262	20.073	ug/l	99
25) 2-Butanone	6.83	43	336906	111.784	ug/l	97
26) 2,2-Dichloropropane	6.83	77	255605	19.811	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	208517	19.927	ug/l	100
28) Bromochloromethane	7.20	49	145175	19.822	ug/l	98
29) Tetrahydrofuran	7.21	42	224080	99.547	ug/l	98
30) Chloroform	7.37	83	336011	20.238	ug/l	99
31) Cyclohexane	7.65	56	307580	18.747	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	278452	19.687	ug/l	99
36) 1,1-Dichloropropene	7.79	75	249190	19.433	ug/l	100
37) Ethyl Acetate	6.93	43	149762	20.921	ug/l	99
38) Carbon Tetrachloride	7.78	117	237337	20.192	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	292633	18.785	ug/l	98
40) Benzene	8.04	78	779641	20.440	ug/l	100
41) Methacrylonitrile	7.17	41	89767	21.703	ug/l	92
42) 1,2-Dichloroethane	8.12	62	227925	20.228	ug/l	97
43) Isopropyl Acetate	8.16	43	272706	19.039	ug/l	98
44) Trichloroethene	8.84	130	210387	19.070	ug/l	94
45) 1,2-Dichloropropane	9.12	63	212308	21.369	ug/l	98
46) Dibromomethane	9.21	93	118151	20.414	ug/l	98
47) Bromodichloromethane	9.40	83	256829	20.876	ug/l	100
48) Methyl methacrylate	9.20	41	135865	19.559	ug/l	98
49) 1,4-Dioxane	9.20	88	27429	312.153	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	729299	105.199	ug/l	99
52) Toluene	10.16	92	486697	20.586	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	252825	19.543	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	302958	20.402	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	176459	21.394	ug/l	99
56) Ethyl methacrylate	10.43	69	218606	20.024	ug/l	98
57) 1,3-Dichloropropane	10.71	76	296801	20.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	615880	102.760	ug/l	98
59) 2-Hexanone	10.75	43	489486	104.358	ug/l	99
60) Dibromochloromethane	10.90	129	192280	20.366	ug/l	98
61) 1,2-Dibromoethane	11.00	107	166554	19.883	ug/l	98
64) Tetrachloroethene	10.63	164	223632	17.230	ug/l	98
65) Chlorobenzene	11.43	112	541832	20.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	191521	20.735	ug/l	99
67) Ethyl Benzene	11.51	91	922997	20.207	ug/l	100
68) m/p-Xylenes	11.62	106	695664	40.062	ug/l	100
69) o-Xylene	11.95	106	340921	20.460	ug/l	100
70) Styrene	11.96	104	551814	20.309	ug/l	99
71) Bromoform	12.13	173	120556	18.067	ug/l #	98
73) Isopropylbenzene	12.25	105	909560	24.194	ug/l	99
74) N-amyl acetate	12.07	43	222160	21.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	173347	23.503	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	154241m	19.069	ug/l	
77) Bromobenzene	12.53	156	226272	23.154	ug/l	97
78) n-propylbenzene	12.59	91	1012693	23.652	ug/l	99
79) 2-Chlorotoluene	12.67	91	597681	22.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	702955	22.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51596	20.560	ug/l	99
82) 4-Chlorotoluene	12.77	91	595858	22.935	ug/l	99
83) tert-Butylbenzene	12.99	119	637773	23.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	695738	22.586	ug/l	100
85) sec-Butylbenzene	13.17	105	830013	22.643	ug/l	100
86) p-Isopropyltoluene	13.29	119	699056	22.070	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	356024	20.584	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	344697	19.680	ug/l	99
89) n-Butylbenzene	13.62	91	538547	19.763	ug/l	99
90) Hexachloroethane	13.88	117	104156	21.428	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	298814	18.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10260	8.045	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	33026	4.380	ug/l	99
94) Hexachlorobutadiene	15.01	225	47022	8.125	ug/l	99
95) Naphthalene	15.13	128	49015	3.682	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	18306	2.841	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

